Seminar in Tropical Medicine: Globalization and the Impact on Houston Health

Baylor College of Medicine, National School of Tropical Medicine

Fall 2014

Course Codes:
GS-TM-466 (BCM)
BIOE 510/GLHT 510 (Rice)

Course Coordinator:
Peter Hotez, M.D., Ph.D.
Dean, National School of Tropical Medicine
Baylor College of Medicine

Course Contacts:
F. Simone Tiu, Ed.D., CPA
Academic Administrator, National School of Tropical Medicine
Baylor College of Medicine
713-798-4455
tiu@bcm.edu

Monica Cázares
Academic Coordinator, National School of Tropical Medicine
Baylor College of Medicine
713-798-8866
mcazares@bcm.edu

Class Days/Time:
October 17 – December 5, Thursdays, 5:30pm – 7:00pm
(No class on November 28)

Classroom:

Bioscience Research Collaborative, 6500 Main Street, Room 282

Credits:
1 credit Pass/Fail

Course Summary:

The course is comprised of weekly lectures from leadership in the health care systems in Houston as well as faculty and subject matter experts, representing Texas Medical Center institutions, on topics in tropical medicine and the impact on the health of Houston communities. The objective is to present a perspective from the viewpoint of collaborative and multiple disciplines working together to attain optimal health for the Houston community and the environment in the city of Houston in light of its ongoing growth and new globalization expansion.

Learning Objectives:

By the end of the course, students will be able to:

- Describe examples of parasitic and infectious diseases in the immigrant/traveler populations
- Describe the health care efforts in Harris county
- Describe the impact of national health policy on health care in the Houston area
- Recognize healthy communities indicators and discuss demographic, behavioral, and environmental factors to healthy communities

Grading Policy:

The course will be graded Pass/Fail. To pass the course, students must attend all seven lectures and turn in a final paper.

The final paper is due December 11. The paper should be 4-6 pages in length, using MLA research paper guidelines. The topic should relate to globalization and its impact on public health in the city of Houston; a review of the topic and current condition is expected, but efforts to develop creative approaches to the problem are strongly encouraged. Please email the final paper to Dr. Simone Tiu at tiu@bcm.edu by December 11.

Lecture Outline:

<u>October 17</u>
Rojelio Mejia, MD
Lecture Title: A comprehensive review of parasitic diseases in the immigrant and/or traveler

Rojelio Mejia, M.D. is Assistant Professor of Infectious Diseases at the National School of Tropical Medicine at Baylor College of Medicine. He is a research clinician practicing at St. Luke's Episcopal Hospital, The Methodist Hospital and Ben Taub General Hospital. He also attends at Travel and Tropical Medicine Clinics. Rojelio received his medical degree from Michigan State University-College of Human Medicine in East Lansing, Michigan. He completed a Research Pathway Internal Medicine training program at the University of Virginia Hospital in Charlottesville, Virginia and went on to an Infectious Diseases Fellowship at the National Institute of Allergy and Infectious Diseases, National Institutes of Health in Bethesda, Maryland. He finished his lab experience in the Helminth Immunology Section at the Laboratory of Parasitic Diseases.

His research interests include molecular diagnostics of neglected tropical diseases and host defense mechanisms, specifically on gastrointestinal parasites such as Strongyloides. Locations of research and collaborations include US/Mexico border, Alabama, Ecuador, Argentina, Brazil, Uganda, Dominican Republic and Saudi Arabia.

October 24
David Lopez, President and CEO of the Harris County Hospital District
Lecture Title: Global Care in Harris County

David S. Lopez, FACHE, is President and CEO of the Harris County Hospital District, the fifth largest metropolitan public healthcare system in the nation. He is a respected community leader with extensive administrative healthcare experience. He became permanent President and CEO of the Harris County Hospital District in April 2004 after nearly a year as its interim President and CEO. Mr. Lopez knows that the heart line of the Harris County Hospital District is its dedicated workforce. His management philosophy is to challenge and continually improve the organization to make it a Most Efficient Organization (MEO) as outlined by the principals of the American College of Healthcare Executives. He has always appreciated the need to care for others, particularly the impoverished and medically underserved. His family upbringing in San Antonio, Texas, taught him that people can always use a helping hand during times of need. His father, a Pentecostal minister, instilled in him the principle of a "ministry" oriented life and he sees the work of the Harris County Hospital District as a continuation of that.

The Harris County Hospital District serves more than a million patient visits annually through its network of three hospitals, 12 neighborhood health centers, 13 homeless shelter clinics, six school-based clinics and four mobile health units. In its 40 years of service, the Harris County Hospital District has steadfastly worked to improve the Harris County community's health and train the next generation of health professionals. Mr. Lopez believes the best work of the Harris County Hospital District is still to come.

Mr. Lopez has a bachelor's degree in Business Administration and a master's degree in Health Care Administration from Trinity University in San Antonio. He lives in Clear Lake, Texas, is married to Patricia, and has five children, who all have advanced degrees.

October 31
Peter J. Hotez
Lecture Title: Neglected and Emerging Infections in Houston

Peter J. Hotez, M.D., Ph.D., is the founding Dean of the National School of Tropical Medicine and Professor of Pediatrics and Molecular Virology & Microbiology at Baylor College of Medicine where he is also chief of a new Section of Pediatric Tropical Medicine and the Texas Children's Hospital Endowed Chair of Tropical Pediatrics. He is also President of the Sabin Vaccine Institute, Director of the Texas Children's Hospital Center for Vaccine Development and the Baker Institute Fellow in Disease and Poverty at Rice University.

November 7
Stephen Williams
Lecture Title: Infectious Disease Knows No Borders

Stephen L. Williams serves as the Director for the Houston Department of Health and Human Services (HDHHS). HDHHS is a full service public health department with 1100+ employees serving the 2.1 million residents of Houston. He oversees a nearly $113 million budget, half of which comes from state and federal grants. He was the former Executive Manager for Travis County Health and Human Services and Veteran Services. He also served as Administrator of Public Health and Deputy Director of Austin/Travis County Health and Human Services Department.

He is actively involved in public health issues at the local, state and national levels. He chairs the Department of State Health Services Public Health Funding and Policy Committee (Senate Bill 969) and the Coalition for the Homeless of Houston/Harris County and serves on the boards of the Harris County Healthcare Alliance, Texas Association of Local Health Officials (TALHO) Board, Harris County Systems of HOPE Governing Board, and the Texas AgrilLife Extension Service. He is an alumnus of the American Leadership Forum, Houston/Gulf Coast Chapter/Medical Community Class, a graduate of the National Urban Fellowship Program and Executive Leadership Institute, NFBPA. He is a member of the National Association of City and County Health Officials (NACCHO), American Public Health Association (APHA), Texas Public Health Association (TPHA) and the National Forum for Black Public Administrators (NFBPA).

November 14
Leonard Zwelling
Lecture Title: Bleeding Red, Bleeding Blue

Dr. Zwelling is a board certified internist and medical oncologist educated at Duke University and Duke Medical School. He received his oncology training at the National Cancer Institute and holds an MBA from the University of Houston. He recently retired as a professor of medicine and pharmacology from MD Anderson where he worked for 29 years. At Anderson he also was the VP for Research Administration, overseeing the entire research infrastructure of the country's largest cancer research program. He was also a Robert Wood Johnson Foundation Health Policy fellow serving on the staff of the US Senate Committee on Health, Education, Labor and Pensions during the debate over ObamaCare. He is now a Vice President at Legacy Community Health, the largest federally-qualified health clinic in Houston. His major interest is to develop systems for health care equity in Houston.

November 21
Laila Woc
Lecture Title: Globalization of Infectious Diseases: The impact of migration and what it means for Houston

Laila E. Woc-Colburn, M.D. is the director of medical education for the National School of Tropical Medicine and an assistant professor of medicine-infectious diseases at Baylor College of Medicine. She also is an attending physician at Ben Taub Hospital's HIV/AIDS Transition Service and the Tropical Medicine Clinic. Additionally, she is a clinician at St. Luke's Episcopal Hospital, The Methodist Hospital and the Harris Health System's Thomas Street Clinic. Her medical specialties are general infectious diseases, HIV and tropical medicine. She teaches courses in travel medicine, tropical medicine and infectious diseases. Woc-Colburn received her medical degree from Universidad Francisco Marroquín in Guatemala City, Guatemala. She completed her residency training at the Advocate Illinois Masonic Medical Center in Chicago and a fellowship at Case Western Reserve University in Cleveland.

November 28
No Class

December 5
Catherine Mosbacher
Lecture Title: Healthy Communities Indicator Report 2013

After working as an attorney, public affairs consultant, and community volunteer, Catherine Clark Mosbacher joined the Center for Houston's Future as President and CEO in October, 2008.

Before coming to the Center, Catherine served as Board Chair of the Texas Department of Protective and Regulatory Services in Austin (child and adult protective services, child care licensing, and prevention and intervention). She served as an Adjunct Professor at the University of Houston Law Center for eight years. Catherine was Legislative Counsel to Texas Eastern Corporation in Houston and Assistant Counsel to the United States Senate Legislative Counsel in Washington, D.C.

She is a member of the Bar of the District of Columbia, and the Bar of Texas. She serves on the Business and Community Advisory Council for the Federal Reserve Bank of Dallas.

She is the founder of BEAR, Be a Resource for CPS Kids, a nonprofit that provides help and hope to abused and neglected children.

Catherine has served on numerous nonprofit boards, including the Houston Area Women's Center, St. Luke's Health Charities, Houston Metropolitan YMCA, and The Alley Theatre. She is a Graduate of the Center for Houston's Future Leadership Forum, Senior Fellow of the American Leadership Forum, and a former Trustee of St. John's School. Honors include Houston's 50 Most Influential Women, the Depelchin Award for Community Leadership, the Anti-Defamation League's Torch of Liberty Award, and the Center for Public Policy Priorities (Austin) Legacy Award.

Catherine has three children, Peter, Jane and Meredith, daughter-in-law, Lucy, twin grandsons, James and Bobby, and son-in-law Nate.